

What is claimed is:

1. A tape printing device that prints letters/characters on a tape-form thermal recording medium, comprising:

a device body, a cassette holding section being formed in said device body to accommodate a tape cassette containing the tape-form recording medium;

a cover member that covers said cassette holding section;

a thermal head that applies heat to print letters/characters on the tape-form recording medium;

a thermal head mounting portion formed on a bottom of said cassette holding section, said thermal head mounting portion including a plate-like member that protrudes from the bottom of said cassette holding section toward said cover member, said thermal head being attached to a side of said plate-like member; and

a platen mechanism having a platen which faces said thermal head and is biased toward said thermal head,

wherein said thermal head mounting portion has an abutting member,

wherein said cover member has a regulating member,

said abutting member and said regulating member being configured such that said abutting member abuts said regulating member from a direction opposite to a direction in which said platen is biased toward said thermal head at least when said

cover member covers said cassette holding section, deformation of said plate-like member urged by said platen being prevented as a displacement of said abutting member is prevented by said regulating member.

2. The tape printing device according to claim 1, wherein said abutting member includes a protruded member protruding from a side end surface of said plate-like member.

3. The tape printing device according to claim 2, wherein said regulating member is formed on an inner surface, which faces said thermal head mounting portion, of said cover member.

4. The tape printing device according to claim 3, wherein said protruded member has a substantially circular cross section along a plane perpendicular to a protruding direction of said protruded member.

5. The tape printing device according to claim 4, wherein said regulating member has a receiving portion that receives said protruded member, at least a portion of said receiving portion abutting said protruded member having a concave shape fitting to the shape of said protruded member.

6. The tape printing device according to claim 3, wherein

said protruded member has a substantially semicircular cross section along a plane perpendicular to a protruding direction of said protruded member, a convex surface of said protruded member facing said regulating member.

7. The tape printing device according to claim 6, wherein said regulating member has a receiving portion that receives said protruded member, at least a portion of said receiving portion abutting said protruded member having a concave shape fitting to the shape of said protruded member.

8. The tape printing device according to claim 1,
wherein said platen mechanism is configured such that said platen moves between an operating position at which said platen is biased toward said thermal head and a standby position at which said platen is retracted from said operating position;
and

wherein said abutting member faces said regulating member only when said platen is located at said operating position.

9. The tape printing device according to claim 1,
wherein said cover member is detachably attached to said body, and

wherein said platen mechanism is configured such that said platen moves between an operating position at which said

platen is biased toward said thermal head and a standby position at which said platen is retracted from said operating position in association with attachment/detachment of said cover member with respect to said body.

10. The tape printing device according to claim 1,
wherein said platen mechanism has a moving mechanism that moves said platen between the operating position and the standby position,

wherein said cover member has a protrusion portion formed on the inner surface of said cover member, said protrusion portion affecting said moving mechanism to move said platen.

11. The tape printing device according to claim 10,
wherein said abutting member includes a protruded member protruding from a side end surface of said plate-like member,
and

wherein said regulating member is formed on the inner surface, which faces said thermal head mounting portion, of said cover member.

12. The tape printing device according to claim 11, wherein said cover member has a pair of first ribs, said first ribs being formed on said inner surface of said cover member and extending from both sides of said regulating member.

13. The tape printing device according to claim 12, wherein said cover member has a pair of second ribs, said second ribs being formed on said inner surface of said cover member and extending from both sides of said protrusion portion.

14. The tape printing device according to claim 13, wherein said first ribs and said second ribs are joined between said regulating member and said protrusion portion.

15. The tape printing device according to claim 11, wherein a distance between said regulating member and said protrusion portion is determined such that said platen is urged against said thermal head at a predetermined force.

16. The tape printing device according to claim 15, wherein said regulating member and said protrusion portion are formed integrally with said cover member.

17. The tape printing device according to claim 10, wherein said regulating member and said protrusion portion are formed integrally with said cover member.

18. The tape printing device according to claim 1, wherein said thermal head mounting member and said cassette holding

section are formed of resin.

19. The tape printing device according to claim 1, wherein said cover member is made of resin.

20. The tape printing device according to claim 1, wherein said thermal head mounting member is formed integrally with said cassette holding section.

21. The tape printing device according to claim 8,
wherein said platen mechanism includes a platen roller,
and a biasing mechanism that biases said platen roller toward
said thermal head, and

wherein said abutting portion is formed on the cover
member side end portion of said thermal head mounting portion
such that it faces a rotation axis of said platen roller when
said platen mechanism is at the operating position.

22. The tape printing device according to claim 8,
wherein said platen mechanism has a swinging mechanism
that swings said platen mechanism from the operating position
to the standby position about a fixed point,

wherein said cover member has a protrusion portion formed
on said inner surface, and

wherein said protrusion portion presses an outer side of

said platen mechanism to move said platen mechanism from the standby position to the operating position against said swinging means.

23. A tape printing device that prints letters/characters on a tape-form thermal recording medium, comprising:

- a device body;

- a cover member that covers detachably attached to said device body;

- a thermal head that applies heat to the tape-form recording medium so as to print letters/characters thereon;

- a thermal head mounting portion provided to said device body, said thermal head mounting portion including a plate-like member that extends from said device body toward said cover member, said thermal head being attached to a side of said plate-like member;

- a platen mechanism having a platen which faces said thermal head and is biased toward said thermal head; and

- a supporting mechanism provided between said thermal head mounting portion and said cover member, said supporting mechanism supporting said plate-like member from a side opposite to said platen to prevent deformation of said plate-like member due to biasing force applied by said platen.